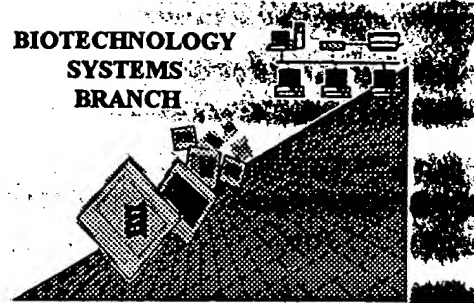


Zaghamant

RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY
SYSTEMS
BRANCH



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following CRF diskette:

Application Serial Number:

08/894,356B

Art Unit / Team No. :

1649.

Date Processed by STIC:

10/23/99

THE ATTACHED PRINTOUT EXPLAINS THE **ERRORS DETECTED.**

PLEASE BE SURE TO FORWARD THIS INFORMATION TO THE APPLICANTS BY EITHER:

1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANTS ALONG WITH A NOTICE TO COMPLY or,

2) CALLING APPLICANTS AND FAXING THEM A COPY OF THE PRINTOUT WITH A NOTICE TO COMPLY

THIS WILL INSURE THAT THE NEXT SUBMISSION RECEIVED FROM THEM WILL BE ERROR FREE.

IF YOU HAVE ANY FURTHER QUESTIONS, PLEASE CALL:

MARK SPENCER 703-308-4212

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356BDATE: 10/28/1999
TIME: 17:33:20

INPUT SET: S33783.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

SEQUENCE LISTING

(1) General Information:

(i) APPLICANT: ASHIKARI, Toshihiko
TANAKA, Yoshikazu
FUJIWARA, Hiroyuki
NAKAO, Masahiro
FUKUI, Yuko
SAKAKIBARA, Keiko
MIZUTANI, Masako
KUSUMI, Takaaki

Does Not Comply
Corrected Diskette Needed

(ii) TITLE OF INVENTION: GENE ENCODING A PROTEIN HAVING ACYL
GROUP TRANSFER ACTIVITY

(iii) NUMBER OF SEQUENCES: 31

(iv) CORRESPONDENCE ADDRESS:

(A) ADDRESSEE: BURNS, DOANE, SWECKER & MATHIS, L.L.P.
(B) STREET: 1737 King Street, Suite 500
(C) CITY: Alexandria
(D) STATE: Virginia
(E) COUNTRY: United States
(F) ZIP: 22314-2756

(v) COMPUTER READABLE FORM:

(A) MEDIUM TYPE: Floppy disk
(B) COMPUTER: IBM PC compatible
(C) OPERATING SYSTEM: PC-DOS/MS-DOS
(D) SOFTWARE: PatentIn Release #1.0, Version #1.30

(vi) CURRENT APPLICATION DATA:

(A) APPLICATION NUMBER: US 08/894,356
(B) FILING DATE: 18-AUG-1997
(C) CLASSIFICATION:

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP 7-67159
(B) FILING DATE: 17-FEB-1995

(vii) PRIOR APPLICATION DATA:

(A) APPLICATION NUMBER: JP 7-196915
(B) FILING DATE: 29-JUN-1995

RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356BDATE: 10/28/1999
TIME: 17:33:20

INPUT SET: S33783.raw

46 (vii) PRIOR APPLICATION DATA:
47 (A) APPLICATION NUMBER: JP 8-46534
48 (B) FILING DATE: 30-JAN-1996
49
50 (vii) PRIOR APPLICATION DATA:
51 (A) APPLICATION NUMBER: WO PCT/JP96/00348
52 (B) FILING DATE: 16-FEB-1996
53
54 (viii) ATTORNEY/AGENT INFORMATION:
55 (A) NAME: Meuth, Donna M.
56 (B) REGISTRATION NUMBER: 36,607
57 (C) REFERENCE/DOCKET NUMBER: 001560-308
58
59 (ix) TELECOMMUNICATION INFORMATION:
60 (A) TELEPHONE: (703) 836-6620
61 (B) TELEFAX: (703) 836-2021
62
63

ERRORED SEQUENCES FOLLOW:

836 (2) INFORMATION FOR SEQ ID NO:6:
837
838 (i) SEQUENCE CHARACTERISTICS:
--> 839 (A) LENGTH: 1521 base pairs 1522 shown (next page)
840 (B) TYPE: nucleic acid
841 (C) STRANDEDNESS: double
842 (D) TOPOLOGY: linear
843
844 (ii) MOLECULE TYPE: cDNA to mRNA
845
846 (iii) HYPOTHETICAL: NO
847
848 (iv) ANTI-SENSE: NO
849
850 (vi) ORIGINAL SOURCE:
851 (A) ORGANISM: Lavandula angustifolia
852 (F) TISSUE TYPE: petal
853
854 (vii) IMMEDIATE SOURCE:
855 (A) LIBRARY: cDNA library
856 (B) CLONE: pLAT21
857
858 (ix) FEATURE:
859 (A) NAME/KEY: CDS
860 (B) LOCATION: 1..1352
861
862
863 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
864

RAW SEQUENCE LISTING PATENT APPLICATION US/08/894,356B

DATE: 10/28/1999
TIME: 17:33:21

PSI, N represents a nucleic acid and should be counted

↓

INPUT SET: S33783.raw

-->	865	NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GCG CCG CCT CCA GGC ACG	47
	866	Xaa Thr Thr Leu Leu Glu Ser Ser Arg Val Ala Pro Pro Gly Thr	48
	867	1 5 10 15	
	868		
	869	GTG GCT GAG CAG TCA CTC CCG CTC ACC TTC TTC GAC ATG ACG TGG CTG	95
	870	Val Ala Glu Gln Ser Leu Pro Leu Thr Phe Phe Asp Met Thr Trp Leu	96
	871	20 25 30	
	872		
	873	CAT TTC CAC CCC ATG CTT CAG CTT CTC TTC TAC GAA CTC CCC TGT TCC	143
	874	His Phe His Pro Met Leu Gln Leu Leu Phe Tyr Glu Leu Pro Cys Ser	
	875	35 40 45	
	876		
	877	AAA CCC GCC TTC CTC GAA ACC GTC GTT CCG AAA CTC AAA CAA TCC TTA	191
	878	Lys Pro Ala Phe Leu Glu Thr Val Val Pro Lys Leu Lys Gln Ser Leu	
	879	50 55 60	
	880		
	881	TCT CTA ACC CTC AAA CAC TTC TTC CCC CTT TCA TGC AAT CTA ATC TAC	239
	882	Ser Leu Thr Leu Lys His Phe Phe Pro Leu Ser Cys Asn Leu Ile Tyr	
	883	65 70 75 80	
	884		
	885	CCT CTA TCG CCG GAG AAA ATG CCG GAG TTC CGG TAT CAG AAC GGT GAC	287
	886	Pro Leu Ser Pro Glu Lys Met Pro Glu Phe Arg Tyr Gln Asn Gly Asp	
	887	85 90 95	
	888		
	889	TCG GTT TCT TTC ACG ATT ATG GAG TCT GTC GGA GAT CAT CCG CAT TCC	335
	890	Ser Val Ser Phe Thr Ile Met Glu Ser Val Gly Asp His Pro His Ser	
	891	100 105 110	
	892		
	893	GCT CAT AAA TAC TAC TGC TTT GCC CCT AGC GAC GAT TAT GAA GAT CTC	383
	894	Ala His Lys Tyr Tyr Cys Phe Ala Pro Ser Asp Asp Tyr Glu Asp Leu	
	895	115 120 125	
	896		
	897	CAG CTG CCG CCG ATA GTC GAG GAA TCT GAT CGG AAA TTG TTT CAA GTT	431
	898	Gln Leu Pro Pro Ile Val Glu Glu Ser Asp Arg Lys Leu Phe Gln Val	
	899	130 135 140	
	900		
	901	TTA GCC GTG CAA GTG ACT CTG TTT CCC GGT CGC GGG GTG TGC ATC GGA	479
	902	Leu Ala Val Gln Val Thr Leu Phe Pro Gly Arg Gly Val Cys Ile Gly	
	903	145 150 155 160	
	904		
	905	ATA ACG ACG CAC CAC ACC GTT AGC GAT GCT CCA TCG TTT GTA GGG TTT	527
	906	Ile Thr Thr His His Thr Val Ser Asp Ala Pro Ser Phe Val Gly Phe	
	907	165 170 175	
	908		
	909	ATG AAG AGT TGG GCT TCC ATC ACT AAA TTC GGA GGA GAT GAT GAA TTC	575
	910	Met Lys Ser Trp Ala Ser Ile Thr Lys Phe Gly Gly Asp Asp Glu Phe	
	911	180 185 190	
	912		
	913	TTG GAC GGA AAA GGT GAA TGT TTG CCG GTT TTC GAC CGA TCG CTC GTG	623
	914	Leu Asp Gly Lys Gly Glu Cys Leu Pro Val Phe Asp Arg Ser Leu Val	
	915	195 200 205	
	916		
	917	AAT TAT CCG CCT AAA TTG GAC ACA TAT TTA TGG AAC AAC GCG CAG AAA	671

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numbers
off
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RAW SEQUENCE LISTING PATENT APPLICATION US/08/894,356B

DATE: 10/28/1999
TIME: 17:33:21

INPUT SET: S33783.raw

918	Asn	Tyr	Pro	Pro	Lys	Leu	Asp	Thr	Tyr	Leu	Trp	Asn	Asn	Ala	Gln	Lys	
919		210					215					220					
920																	
921	CGT	CCG	TTG	GAA	TCG	CAG	CAT	CCA	TCT	TTA	CCG	ACG	GAT	CGG	ATT	CGA	719
922	Arg	Pro	Leu	Glu	Ser	Gln	His	Pro	Ser	Leu	Pro	Thr	Asp	Arg	Ile	Arg	
923	225					230					235					240	
924																	
925	GCT	ACC	TAC	CTT	TTC	ACC	CAA	TCT	GAA	ATT	AAG	AAA	TTG	AAG	GGT	TTG	767
926	Ala	Thr	Tyr	Leu	Phe	Thr	Gln	Ser	Glu	Ile	Lys	Lys	Leu	Lys	Gly	Leu	
927					245					250					255		
928																	
929	ATT	CAG	AGA	AAA	GCC	CCA	AAT	GTA	GTT	AAT	CTC	TCT	TCC	TTC	GTC	GCG	615
930	Ile	Gln	Arg	Lys	Ala	Pro	Asn	Val	Val	Asn	Leu	Ser	Ser	Phe	Val	Ala	
931				260					265					270			
932																	
933	ATC	GCA	GCT	TAT	ATC	TGG	ACC	GGC	ATC	GCC	AAA	TCG	GTC	GGA	GAT	TAC	863
934	Ile	Ala	Ala	Tyr	Ile	Trp	Thr	Gly	Ile	Ala	Lys	Ser	Val	Gly	Asp	Tyr	
935			275					280					285				
936																	
937	AAA	GAC	GTG	GAT	GAC	GAC	AAA	CGC	GCT	TTC	TTT	TTA	ATT	CCG	ATC	GAT	911
938	Lys	Asp	Val	Asp	Asp	Asp	Lys	Arg	Ala	Phe	Phe	Leu	Ile	Pro	Ile	Asp	
939		290					295					300					
940																	
941	TTA	AGG	CCG	CGT	TTG	GAT	CCG	CCG	GCT	CCG	GGG	AAC	TAC	TTC	GGA	AAC	959
942	Leu	Arg	Pro	Arg	Leu	Asp	Pro	Pro	Ala	Pro	Gly	Asn	Tyr	Phe	Gly	Asn	
943	305					310					315					320	
944																	
945	TGT	CTA	TCG	TTT	GCG	ATG	GCG	AAG	ATC	CTG	CGG	CGG	GAT	TTG	GTC	GGA	1007
946	Cys	Leu	Ser	Phe	Ala	Met	Ala	Lys	Ile	Leu	Arg	Arg	Asp	Leu	Val	Gly	
947					325					330					335		
948																	
949	GAT	GAA	GGG	GTG	TTT	CGG	GCA	GCT	GAG	GCG	ATC	GCG	GCG	GAA	ATA	GAG	1055
950	Asp	Glu	Gly	Val	Phe	Arg	Ala	Ala	Glu	Ala	Ile	Ala	Ala	Glu	Ile	Glu	
951				340					345					350			
952																	
953	AAG	AGG	ACG	AGC	GAC	AAG	AAG	ATT	CTA	GAA	ACT	GTG	GAG	AAC	TGG	CCG	1103
954	Lys	Arg	Thr	Ser	Asp	Lys	Lys	Ile	Leu	Glu	Thr	Val	Glu	Asn	Trp	Pro	
955			355					360					365				
956																	
957	TCT	GAG	ATT	CGC	GAA	GCC	TTG	CAA	AAC	TGT	TAT	TTC	TCG	GTG	GCG	GGA	1151
958	Ser	Glu	Ile	Arg	Glu	Ala	Leu	Gln	Asn	Cys	Tyr	Phe	Ser	Val	Ala	Gly	
959		370					375					380					
960																	
961	TCG	AGC	AGG	CTT	GAT	CTT	TAC	GGC	GCG	GAT	TTT	GGA	TGG	GGT	AAG	GCG	1199
962	Ser	Ser	Arg	Leu	Asp	Leu	Tyr	Gly	Ala	Asp	Phe	Gly	Trp	Gly	Lys	Ala	
963	385					390					395					400	
964																	
965	GTG	AAG	CAA	GAG	ATA	CTG	TCG	ATT	GAT	GGA	GAG	AAG	TTT	ACG	ATG	TCG	1247
966	Val	Lys	Gln	Glu	Ile	Leu	Ser	Ile	Asp	Gly	Glu	Lys	Phe	Thr	Met	Ser	
967					405					410					415		
968																	
969	TTG	TGT	AAA	CCG	AGG	GAT	GCT	GCC	GGA	GGA	TTG	GAG	GTT	GGA	TTG	TCT	1295
970	Leu	Cys	Lys	Pro	Arg	Asp	Ala	Ala	Gly	Gly	Leu	Glu	Val	Gly	Leu	Ser	

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RAW SEQUENCE LISTING
PATENT APPLICATION US/08/894,356BDATE: 10/28/1999
TIME: 17:33:21

INPUT SET: S33783.raw

971		420		425		430		
972								
973	TTG CCA AAG GAG GAA TTG CAA GCT TTT GAT GAT TAT TTT GCG GAG GGA						1343	
974	Leu Pro Lys Glu Glu Leu Gln Ala Phe Asp Asp Tyr Phe Ala Glu Gly							
975		435		440		445		
976								
977	ATA AAG GGT TGATTAATCA TTTAATCATG TATTATGAAG TTGGATGAAA						1392	
978	Ile Lys Gly							
979		450						
980								
981	TCCTCTGTTT CATCTCTATT GTTTAAACAA TAATTTTTTTT CCATTGAACT TTTTGTAGTC						1452	
982								
983	AATAAAAAAAAA AAAAAAAAAA AAAAAAAAAATG AAAAAACTCA GTTATTTTTT TTTTTTTTTT						1512	
984								
985	TTTTTTTTTT						1521	
986								
987								

numbers
off
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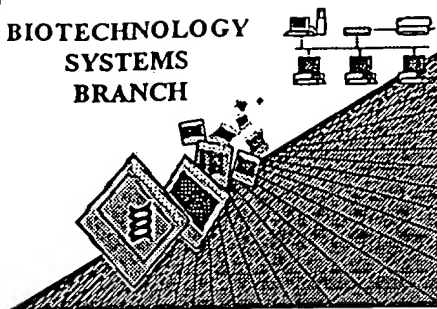
PAGE: 1

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/08/894,356B

DATE: 10/28/1999
TIME: 17:33:21

INPUT SET: S33783.raw

Line	Error	Original Text
839	Entered (1521) and Calc. Seq. Length (1522) differ	(A) LENGTH: 1521 base pairs
865	# of Sequences for line conflicts w/ running total	NTG ACC ACC CTC CTC GAA TCC TCC CGA GTG GC



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Applicant Aid for Biotechnology Computer Readable Form (CRF) Sequence Listing Submissions

The Patent and Trademark Office (PTO) has developed a computer program, called Checker, that will aid applicants in identifying and correcting errors prior to making submissions for compliance with the Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures (Sequence Rules: 37CFR 1.821 through 1.825).

Final rules were published in the *Federal Register* (55 FR18230) on May 1, 1990, and in the PTO *Official Gazette* (1114 Off.Gaz.PatOffice 29) on May 15, 1990.

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The software is in current directory: `pub/checker/`
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- 3) For diskette copies, mail to: U.S.P.T.O., OEIP, CRYSTAL PARK 3, SUITE 441
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